

**Dow Brook
Reservoir Dam
Improvements
2018-2019**





Photo 1
Placing imported processed 1-1/2 in. material for access road on dam crest



Photo 2
Test pit exposing existing stone block core wall



Photo 3
Demolition of the north side of concrete spillway from El. 31 to El. 30



Photo 4
Installation of steel sheeting from STA 0+05 to STA 0+45



Photo 1
Installing sheeting south of gatehouse.



Photo 2
Removing H pile probe and guide.



Photo 3
Cofferdam around southern wall and
drill holes completed.



Photo 4
Surveying final top elevation of sheeting pair.



Photo 1
Water Department layout of existing water supply
and drain pipe



Photo 2
South spillway training wall prior to forming and
concrete placement with installed rebar



Photo 3
Completed steel sheet pile cutoff wall facing east



Photo 4
Completed concrete placement for south
Training abutment wall



Photo 1
Downstream excavation to El. 35 with upstream excavation to El. 31 in preparation for sheet pile cap



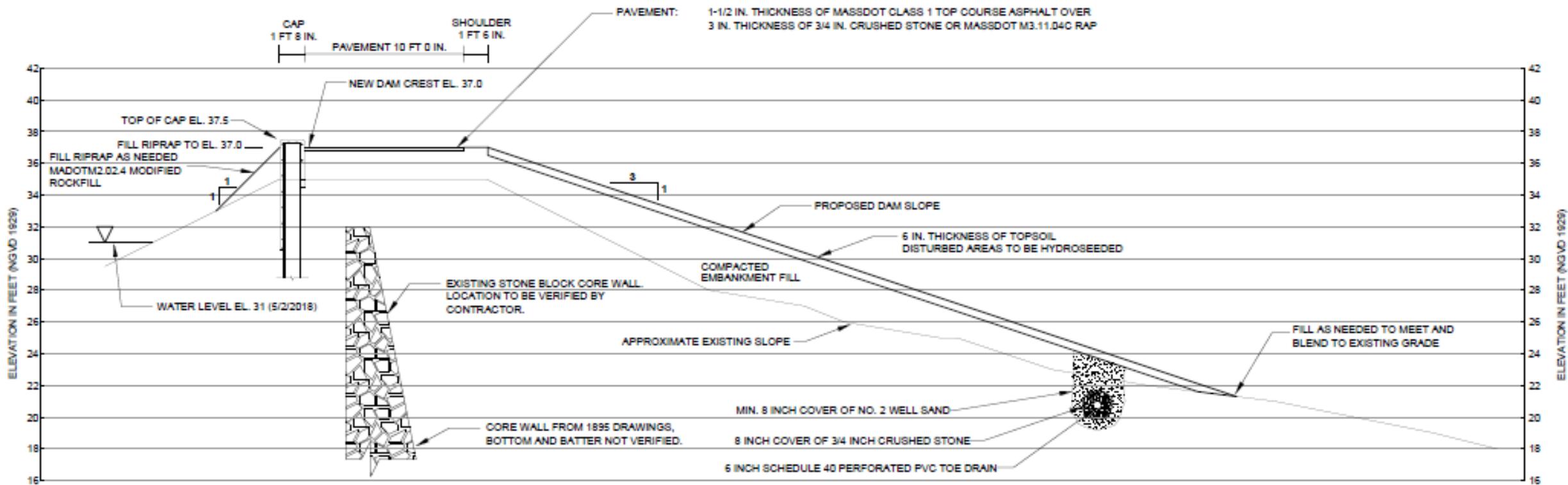
Photo 2
Concrete placement for southern spillway abutment pier



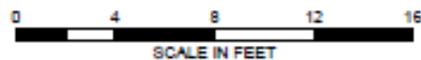
Photo 3
Rebar for northern spillway training wall along with southern spillway abutment pier



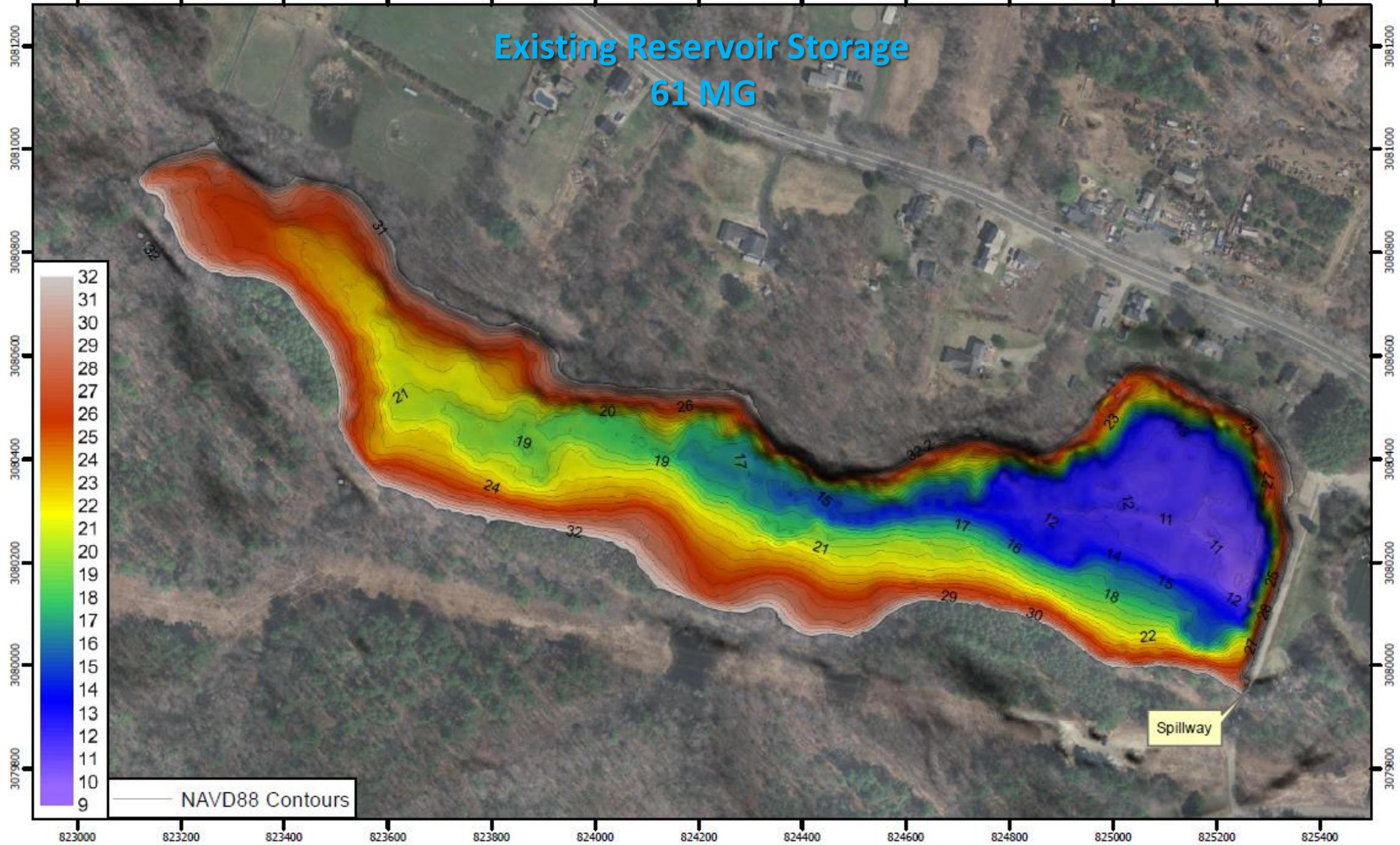
Photo 4
Rebar layout STA 0+00 to STA 0+50 for sheet pile cap



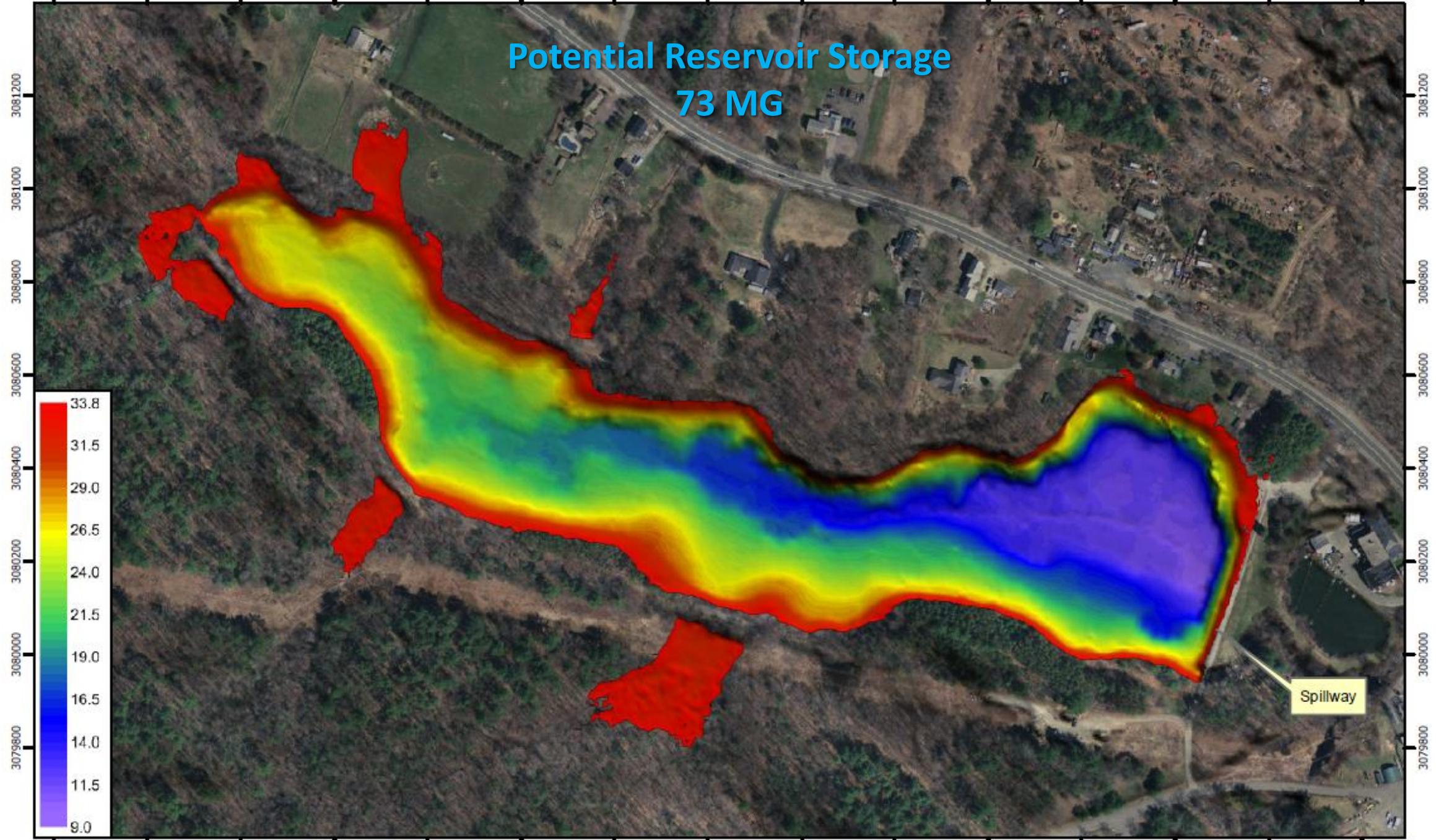
TYPICAL NEW DAM SECTION



Existing Reservoir Storage 61 MG



Potential Reservoir Storage 73 MG



Spillway